

LEPIDOPTERA OF ABERDEENSHIRE AND KINCARDINESHIRE

By R. M. PALMER* and M. R. YOUNG**

4th Appendix

This appendix updates the Lepidoptera of Aberdeenshire by adding 16 spp. discovered since the publication of the last appendix (*Ent. Rec.* 93, 116-119 (1981)). Three species recorded by Trail (1878), Reid (1892) and Cruttwell (1907) have been rediscovered and are included in part 1 of the list. As in previous appendices part 2 is a supplementary list which contains over 60 new Vice-county records for V.Cs 91-93.

Unless otherwise indicated the records are those of the authors and date from 1981-82. We thank once again E. C. Pelham-Clinton for much useful advice and for confirming the identification of many of the microlepidoptera in this list. We also thank the other lepidopterists whose names appear in the list for providing us with many useful records, especially S. Palmer for the many records from N. Aberdeenshire.

References

- Cruttwell, C. T. 1907. *Ent. mon. mag.*, 43: 256-7.
 Reid, W. 1892. *List of the Lepidoptera of Aberdeenshire and Kincardineshire*.
 Trail, J. W. H. 1878. *Trans. Nat. Hist. Soc. Aberdeen*, 1878: 28-42.

(1) NEW OR RE-DISCOVERED SPECIES

- Eriocrania sparrmannella* Bosc. S. A. Muir of Dinnet N. N. R., one, 1982.
Ectoedomia argyropeza Zell. S. A. Muir of Dinnet N. N. R. and near Monymusk; mines and green islands on *Populus tremula*. N. A. Haddo House, mines on *P. tremula*.
Caloptilia rufipennella Hb. Bred from rolled leaves of *Acer pseudo-platanus*. K. Glenbervie. S. A. Bucksburn, Kirkhill forest. N. A. Haddo House.
Coleophora vitisella Gregs. Rare, Bennachie (Reid, 1892). S. A. Bred from cases on *Vaccinium vitis-idaea*, Muir of Dinnet N.N.R. and near Monymusk.
Schiffermuelleria subaquileia Stt. N. A. Longhaven cliffs.
Chrysoesthia sexguttella Thunb. K. St. Cyrus N. N. R. Abundant; also larval signs on *Atriplex hastata*. N. A. Cruden Bay (E.C.P.C.).
Bryotropha boreella Dougl. S. A. Drum Castle woods and near Monymusk.

*2 Glenhome Gardens, Dyce, Aberdeen.

**Department of Zoology, University of Aberdeen.

B. mundella Doug. S. A. Foveran.

Scrobipalpa atriplicella F.v.R. Braemar (Cruttwell, 1907). K. St. Cyrus N. N. R., bred from larvae on *Atriplex hastata*.

Bactra furfurana Haw. N. A. Loch of Strathbeg, one, 1981. (S. Palmer).

Blastesthia turionella L. Upper Deeside (Trail, 1878). N. A. Clashindarroch Forest (T. Winter).

Cydia gallicana Guen. N. A. Wartle moss.

Dichrorampha flavidorsana Knaggs K. St. Cyrus N.N.R., one, 1981.

Cataclysta lemnata L. S. A. City of Aberdeen. 1982, probably introduced in 1980 with *Lemna* sp.

Emmelina monodactyla L. N. A. Sands of Forvie N.N.R., one, 1982 (R. Davies).

Pelurga comitata L. N. A. Sands of Forvie, one, 1981. (R. Davies).

Antichloris eriphia F. S. A. Bridge of Dee, one, 1982. A West Indian species probably imported with bananas (M.R.Y. *in press*).

Xanthia gilvago D. & S. K. St. Cyrus N.N.R., one, 1981. (D. Carstairs).

Enargia paleacea Esp. S. A. Muir of Dinnet N.N.R., one, 1982.

(2) SUPPLEMENTARY LIST OF NEW VICE-COUNTY RECORDS

- (a) New to Kincardineshire (91): *Elachista atricomella* Stt.; *Epinotia immunulana* F.v.R.; *Eurrhypara hortulata* L.
- (b) New to S. Aberdeenshire (92): *Adela rufimitrella* Scop.; *Tinea trinotella* Thunb.; *Calybites auroguttella* Steph.; *Phyllonorycter emberizaepennella* Bouche; *Ypsolopha ustella* C1.; *Coleophora idaeella* Hofm.; *C. virgaureae* Stt.; *C. taeniipennella* H.-S.; *Elachista subocellea* Steph.; *Esperia sulphurella* F.; *Teleiodes sequax* Haw.; *Epinotia cruciana* L.; *Cydia internana* Guen.; *Scoparia pyralella* D. & S.; *Amblyptilia punctidactyla* Haw.
- (c) New to N. Aberdeenshire (93): *Ectoedemia mediofasciella* Haw.; *Stigmella tityrella* Stt.; *Leucoptera laburnella* Stt.; *Caloptilia alchimiella* Scop.; *Phyllonorycter junoniella* Zell.; *P. scopariella* Zell.; *P. coryli* Nic.; *P. ulmifoliella* Hb.; *Argyresthia pygmaella* Hb.; *Phaulernis fulviguttella* Zell.; *Coleophora benanderi* Kan.; *C. glaucicolella* Wood; *Cosmiotes freyerella* Hb.; *Borkhausenia fuscescens* Haw.; *Depressaria pulcherimella* Stt.; *Teleiopsis diffinis* Haw.; *Caryocolum vicinella* Dougl.; *Clepsis consimilana* Hb.; *Cnephasia conspersana* Dougl.; *Epiblema farfarae* Flet.; *Udea ferrugalis* Hb.; *Platyptilia gonodactyla* D. & S.
- (d) Species now recorded from all three vice-counties: *Eriocrania semipurpurella* Steph.; *Stigmella aucupariae* Frey; *Incurvaria masculella* D. & S.; *Ochsenheimeria bisontella* L. & Z.; *Phyllonorycter sorbi* Frey; *P. spinolella* Dup.; *Paraswanmerdamia lutarea* Haw.; *Agonopterix angelicella* Hb.; *Schreckensteiniella festaliella* Hb.; *Aethes cnicana* Westw.; *Cochylis atricapitana*

Steph.; *Pandemis heparana* D. & S.; *Cnephasia conspersana* Dougl.; *Acleris laterana* F.; *Epinotia pygmaeana* Hb.; *E. tedella* Cl.; *E. scutulana f. cirsiana* Zell.; *Eucosma campoliliana* D. & S.; *Ahucita hexadactyla* L.; *Scoparia subfusca* Haw.; *Eudonia crataegella* Hb.; *E. angustea* Curt.; *Opsibotys fuscalis* D. & S.; *Udea olivalis* D. &; *Stenoptilia bipunctidactyla* Scop.; *S. pterodactyla* L.

- (e) New records of macrolepidoptera. The following species, for which very few previous Aberdeenshire and Kincardineshire records exist, have now been recorded from N. Aberdeenshire (93). In all cases, except the one noted, the records refer to Loch of Strathbeg area and were collected by S. Palmer.

Coenonympha tullia Mull. (Windyheads Hill, New Pitsligo, 1977; E.C.P.-C.); *Hydriomena imphuviata* D. & S.; *Eupithecia pygmaeata* Hb.; *E. trisignaria* H.-S.; *E. indigata* Hb.; *Furcula furcula* Cl.; *Aporophyla lutulenta* D. & S.; *Eupsilia transversa* Hufn.; *Apamea unanimitis* Hb.; *Amphipoea crinanensis* Burr.; *Celaena leucostigma* Hb.; *Rhizedra lutosa* Hb.; *Herminia nemoralis* Fab.

COLEOPHORA DEVIELLA ZELL. (SUAEDIVORA MEYRICK) REDISCOVERED. — In the autumn of 1981 Norman Heal found a few *Coleophora* cases on *Suaeda maritima* (L.) Dumort in Kent. He assumed that they were *deviella*, but by now, it has become apparent that they are a new species.

Following up this discovery, my son Alan and I visited the Essex saltings on the 9th October 1982, starting at Fingeringhoe where we found only *C. atriplicis* Meyr. However, moving farther south, he soon found that the wanted "*suaedivora*" cases were not uncommon. I exhibited some of these at the next BEHNS meeting, where both Col. A. M. Emmet and the editor of the *Record* were sure that they were not the species I had named them.

Alan and I had also found on the *Suaeda*, half a dozen fairly long straight cases which we did not recognize. From these I bred two moths on the 11th. and 19th. July 1983, which were a mystery until Raymond Uffen kindly determined them as *C. deviella* Zell. Accordingly, it was a matter of great satisfaction to have arrived at the right moth via another of N. F. Heal's discoveries.

Many more cases of *deviella* were found in October 1983 when we took Raymond Uffen to see them. They sit rather prominently on top of the plant, whereas the cases of the other species tend to hide among the seeds and leaves. — R. FAIRCLOUGH, Blencathra, Deanoak Lane, Leigh. Surrey.